

Amendments to the Claims:

1. (Currently Amended) An apparatus ~~mobile device for receiving supplementary information transmitted with a radio station signal, said mobile device~~ comprising:
 - means for scanning a spectrum of frequencies;
 - means for detecting a plurality of radio stations broadcast within said spectrum of frequencies;
 - means for decoding, for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations, the supplementary information comprising an associated radio station name;
 - means for receiving a search criterion, the search criterion comprising a partial or complete name of a radio station;
 - means for generating a set of radio stations whose supplementary information matches said search criterion; ~~and~~
 - means for displaying the set of radio stations whose supplementary information matches the search criterion; and
 - means for receiving a selection of one of the set of radio stations whose supplementary information matches said search criterion, and selecting one of the set of radio stations from the supplementary information displayed on the display means.
2. (Cancelled).
3. (Currently Amended) An apparatus ~~mobile device~~ as claimed in claim 20, wherein said display means is suitable for concurrently displaying a plurality of elements of the set of at least one piece of supplementary information.
4. (Currently Amended) An apparatus ~~mobile device~~ as claimed in claim 20, wherein said display means is arranged to display only one element of the set of at least one piece of

supplementary information at a time.

5-6. (Cancelled)

7. (Currently Amended) An apparatus ~~mobile device~~ as claimed in claim 20 6, wherein said set of radio stations whose supplementary information matches said search criterion comprises one or more radio stations

8. (Original) An apparatus ~~mobile device~~ as claimed in claim 20, wherein the set of the at least one piece of supplementary information comprises a piece of supplementary information for each radio station detected having supplementary information broadcast therewith.

9-10. (Cancelled).

11. (Currently Amended) An apparatus ~~mobile device~~ as claimed in claim 20 4, wherein said ~~means for receiving a selection~~ circuitry is arranged to interrupt said scanning means when a radio station is selected.

12. (Currently Amended) An apparatus ~~mobile device~~ as claimed in claim 20 4, wherein the supplementary information conforms to at least one of the Radio Data System standard and the Radio Broadcasting Data System standard.

13. (Previously Presented) An apparatus ~~mobile device~~ as claimed in claim 20 4, further comprising ~~means for receiving~~ circuitry for receiving the radio station signal and decoding circuitry for decoding the radio station signal.

14. (Currently Amended) An apparatus ~~mobile device~~ as claimed in claim 20 4, wherein the radio station signal is an audio signal and the device comprises ~~means~~ a speaker for providing the audio signal to a user.

15. (Currently Amended) ~~An apparatus mobile device~~ as claimed in claim 20 ~~1~~, wherein the radio station signal is a frequency modulated signal.

16. (Currently Amended) A mobile device as claimed in claim 20 ~~1~~, wherein the radio station signal is an amplitude modulated signal.

17. (Currently Amended) ~~An apparatus as claimed in claim 1, further mobile device for receiving supplementary information transmitted with a radio station signal, said mobile device comprising:~~

- ~~means for scanning a spectrum of frequencies;~~
- ~~means for detecting a plurality of radio stations broadcast within said spectrum of frequencies;~~
- ~~means for decoding, for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations;~~
- means for storing the at least one piece of supplementary information and information relating to a broadcast frequency of each of a plurality of the detected radio stations; ~~and~~
- ~~means for receiving a selection of one of the plurality of detected radio stations according to the supplementary information stored by said storing means.~~

18. (Currently Amended) ~~A method for selecting a radio station from a plurality of radio stations received by a mobile device, comprising:~~

- scanning a spectrum of frequencies;
- detecting a plurality of radio stations broadcast within said spectrum of frequencies;
- decoding for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations, the supplementary information comprising an associated radio station name;
- receiving a search criterion, the search criterion comprising a partial or complete name of

a radio station;

filtering the supplementary information to generate a set of radio stations whose
supplementary information matches the search criterion;

displaying the set of radio stations whose supplementary information matches the search
criterion;

receiving a selection of one of the set of radio stations whose supplementary information
matches the search criterion; and

selecting the selected one of the set of radio stations whose supplementary information
matches the search criterion.

~~storing at least one piece of supplementary information and information relating to a
broadcast frequency of each of a plurality of the detected radio stations; and~~

~~receiving a selection of one of the plurality of detected radio stations according to the
supplementary information stored.~~

19. (Cancelled).

20. (New) An apparatus comprising:

scanning circuitry for scanning a spectrum of frequencies;

detection circuitry for detecting a plurality of radio stations broadcast within said
spectrum of frequencies;

decoding circuitry for decoding, for each of a plurality of detected radio stations, at least
one piece of supplementary information broadcast in conjunction with the plurality of radio
stations, the supplementary information comprising an associated radio station name;

input circuitry for receiving a search criterion, the search criterion comprising a partial or
complete name of a radio station.;

filtering circuitry for generating a set of radio stations whose supplementary information
matches said search criterion;

a display for displaying a set of at least one piece of supplementary information, each of the displayed at least one piece of supplementary information associated with the set of radio stations whose supplementary information matches the search criterion; and

selection circuitry for receiving a selection of one of the set of radio stations whose supplementary information matches said search criterion the selection circuitry arranged to select one of the set of radio stations from the supplementary information displayed on the display.

21. (New) An apparatus as claimed in claim 20 further comprising:

memory for storing the at least one piece of supplementary information and information relating to a broadcast frequency of each of a plurality of the detected radio stations.

22. (New) A computer program product comprising at least one computer-readable storage medium having computer-readable program instructions stored therein, the computer-readable program instructions arranged to instruct a computer to carry out a method, comprising:

scanning a spectrum of frequencies;
detecting a plurality of radio stations broadcast within said spectrum of frequencies;
decoding for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations, the supplementary information comprising an associated radio station names;

receiving a search criterion, the search criterion comprising a partial or complete name of a radio station;

filtering the supplementary information to generate a set of radio stations whose supplementary information matches the search criterion;

displaying the set of radio stations whose supplementary information matches the search criterion;

receiving a selection of one of the set of radio stations whose supplementary information matches the search criterion; and

selecting the selected one of the set of radio stations whose supplementary information matches the search criterion.